



**Gamma Foundries Inc.
Richmond Hill Facility**

**Toxic Reduction Act Annual Report
2016 Reporting Year**



Basic Facility Information

Facility Identification and Site Address		
Company Name	Gamma Foundries Inc.	
Facility Name	Richmond Hill Facility	
Facility Address	Physical Address:	Mailing Address: (if different)
	115 Newkirk Road, Richmond Hill, ON L4C 3G4	Same as physical address
Spatial Coordinates of Facility	Zone: 17 Easting: 626301 Northing: 4859872	<i>Expressed in Universal Transverse Mercator (UTM) within a North American Datum 83 (NAD83) datum.</i>
Number of Employees	84	
NPRI ID	5874	
Parent Company (PC) Information		
PC Name & Address	Gamma Foundries Inc.	Same as physical address
Percent Ownership for each PC	100%	
Primary North American Industrial Classification System Code (NAICS)		
2 Digit NAICS Code	33 (Manufacturing)	
4 Digit NAICS Code	3315 (Foundries)	
6 Digit NAICS Code	331529 (Non-ferrous foundries [except die-casting])	
Company Contact Information		
Facility Public Contact	Adolfo Quiroga <i>President and General Manager</i>	<i>Contact Address if different from facility address</i>
	aquiroga@gammafoundries.com	Same as facility address
	Phone: (905) 884-9091	
	Fax: (905) 780-4853	

Gamma Foundries Inc. - Richmond Hill Facility
 TRA Substance Accounting Values for Annual Report

Year **2016**

Contaminant Name	CAS#	Usage						Creation						Contained In Product						Air Releases						Recycling					
		2016	2015	Difference (2016-2015)	Unit	% of Change	Reason for Significant Change	2016	2015	Difference (2016-2015)	Unit	% of Change	Reason for Significant Change	2016	2015	Difference (2016-2015)	Unit	% of Change	Reason for Significant Change	2016	2015	Difference (2016-2015)	Unit	% of Change	Reason for Significant Change	2016	2015	Difference (2016-2015)	Unit	% of Change	Reason for Significant Change
Copper	NA - 06	720.747	736.982	-16.235	tonne	-2.2%	<10%	0	0	0	tonne	N/A	N/A	659.159	671.483	-12.324	tonne	-1.8%	<10%	0.275	0.282	-0.007	tonne	-2.4%	<10%	56.864	78.911	-22.05	tonne	-27.9%	Change in Alloys Used
Zinc	NA - 14	74.526	66.835	7.691	tonne	11.5%	Change in Alloys Used	0	0	0	tonne	N/A	N/A	70.052	62.219	7.833	tonne	12.6%	Change in Alloys Used	0.023	0.023	0.001	tonne	4.0%	<10%	3.827	5.495	-1.67	tonne	-30.3%	Change in Alloys Used
Particulate Matter ≤10µm	NA - M09	0	0	0	tonne	N/A	N/A	1.091	1.181	-0.090	tonne	-7.6%	<10%	N/R	N/R	N/A	tonne	N/A	N/A	0.775	0.844	-0.069	tonne	-8.2%	<10%	N/A	N/A	N/A	tonne	N/A	N/A
Particulate Matter ≤2.5µm	NA - M10	0	0	0	tonne	N/A	N/A	1.090	1.180	-0.090	tonne	-7.6%	<10%	N/R	N/R	N/A	tonne	N/A	N/A	0.775	0.844	-0.069	tonne	-8.1%	<10%	N/A	N/A	N/A	tonne	N/A	N/A

Note: N/A = Not Applicable; N/R = Not Required

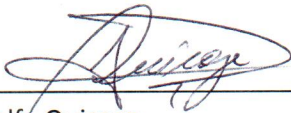
As of June 1, 2017, I, Adolfo Quiroga, certify that I have read the reports on the toxic substance reduction plans for the toxic substances referred to below and am familiar with their contents, and to my knowledge the information contained in the reports is factually accurate and the reports comply with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

Copper (and its compounds)

Zinc (and its compounds)

Particulate Matter $\leq 10\mu\text{m}$ (PM_{10})

Particulate Matter $\leq 2.5\mu\text{m}$ ($\text{PM}_{2.5}$)



Adolfo Quiroga
President and General Manager

6/12/17

Date